IN THE CLAIMS:

1.   (Currently Amended) A method for producing a drawing of components and connections needed to implement a desired system, the method comprising:

receiving user needs of the desired system, wherein the user needs describe specified capabilities and performance requirements of the desired system and do not provide schematic details for the desired system;

automatically determining components and connections needed to implement a system that satisfies the user needs based on the specified capabilities and performance requirements of the desired system and application of one or more system design rules to the specified capabilites and performance requirements of the desired system;

generating a drawing program input that provides instructions for producing a drawing of the system that satisfies the user needs using the determined components and connections to produce schematic details for the system; and

sending the drawing program input to a drawing program to generate a graphical output of the schematic details for the system.

2.   (Original) The method as recited in claim 1, further comprising:
providing a graphical user interface for receiving the user needs of the desired system.

3.   (Original) The method as recited in claim 2, wherein the graphical user interface comprises a plurality of graphical user interfaces.

4.   (Original) The method as recited in claim 3, wherein the plurality of graphical user interfaces are presented to the user sequentially.

5.   (Original) The method as recited in claim 1, further comprising:
generating, with the drawing program, the drawing of the desired system.

6. (Original) The method as recited in claim 1, wherein the desired system is a system to implement web hosting.

7. (Original) The method as recited in claim 1, wherein determining components and connections needed to implement the system that satisfies the user needs comprises referencing a set of policies that must be satisfied in order for the desired system to function properly.

8. (Currently Amended) A computer program product in a computer readable media for use in a data processing system for producing a drawing of components and connections needed to implement a desired system, the computer program product comprising:

receiving instructions for receiving user needs of the desired system, wherein the user needs describe specified capabilities and performance requirements of the desired system and do not provide schematic details for the desired system;

determining instructions for automatically determining components and connections needed to implement a system that satisfies the user needs based on the specified capabilities and performance requirements of the desired system and application of one or more system design rules to the specified capabilites and performance requirements of the desired system;

generating instructions for generating a drawing program input that provides instructions for producing a drawing of the system that satisfies the user needs using the determined components and connections to produce schematic details for the system; and

sending instructions for sending the drawing program input to a drawing program to generate a graphical output of the schematic details for the system.

9. (Original) The computer program product as recited in claim 8, further comprising:

providing instructions for providing a graphical user interface for receiving the user needs of the desired system.

10.   (Original) The computer program product as recited in claim 9, wherein the graphical user interface comprises a plurality of graphical user interfaces.

11.   (Original) The computer program product as recited in claim 10, wherein the plurality of graphical user interfaces are presented to the user sequentially.

12.   (Original) The computer program product as recited in claim 8, further comprising:

drawing instructions for generating, with the drawing program, the drawing of the desired system.

13.   (Original) The computer program product as recited in claim 8, wherein the desired system is a system to implement web hosting.

14.   (Original) The computer program product as recited in claim 8, wherein determining components and connections needed to implement the system that satisfies the user needs comprises referencing a set of policies that must be satisfied in order for the desired system to function properly.

15.   (Currently Amended) A system for producing a drawing of components and connections needed to implement a desired system, the ~~computer program product~~ system comprising:

a receiver which receives instructions for receiving user needs of the desired system, wherein the user needs describe specified capabilities and performance requirements of the desired system and do not provide schematic details for the desired system;

a component determination unit which determines instructions for automatically determining components and connections needed to implement a system that satisfies the user needs based on the specified capabilities and performance requirements of the desired system and application of one or more system design rules to the specified capabilites and performance requirements of the desired system;

Page 4 of 12
Longnecker et al. – 10/004,948

an instruction generating unit which generates instructions for generating a drawing program input that provides instructions for producing a drawing of the system that satisfies the user needs using the determined components and connections to produce schematic details for the system; and

a transmitter which sends instructions for sending the drawing program input to a drawing program to generate a graphical output of the schematic details for the system.

16.   (Original) The system as recited in claim 15, further comprising:
a graphical user interface unit which provides a graphical user interface for receiving the user needs of the desired system.

17.   (Original) The system as recited in claim 16, wherein the graphical user interface comprises a plurality of graphical user interfaces.

18.   (Original) The system as recited in claim 17, wherein the plurality of graphical user interfaces are presented to the user sequentially.

19.   (Original) The system as recited in claim 15, further comprising:
drawing instructions for generating, with the drawing program, the drawing of the desired system.

20.   (Original) The system as recited in claim 15, wherein the desired system is a system to implement web hosting.

21.   (Original) The system as recited in claim 15, wherein determining components and connections needed to implement the system that satisfies the user needs comprises referencing a set of policies that must be satisfied in order for the desired system to function properly.

22.   (Currently Amended) A system for producing a drawing of components and connections needed to implement a desired system, the system comprising:

Page 5 of 12
Longnecker et al. – 10/004,948

receiving means for receiving user needs of the desired system, <u>wherein the user
needs describe specified capabilities and performance requirements of the desired system
and do not provide schematic details for the desired system</u>;

determining means for <u>automatically</u> determining components and connections
needed to implement a system that satisfies the user needs <u>based on the specified
capabilities and performance requirements of the desired system and application of one or
more system design rules to the specified capabilites and performance requirements of
the desired system</u>;

instruction generating means for generating a drawing program input that
provides instructions for producing a drawing of the system that satisfies the user needs
<u>using the determined components and connections to produce schematic details for the
system</u>; and

transmitting means for sending the drawing program input to a drawing program
<u>to generate a graphical output of the schematic details for the system</u>.

23.   (Original) The system as recited in claim 22, further comprising:

interface means for providing a graphical user interface for receiving the user
needs of the desired system.

24.   (Original) The system as recited in claim 23, wherein the graphical user interface
comprises a plurality of graphical user interfaces.

25.   (Original) The system as recited in claim 24, wherein the plurality of graphical
user interfaces are presented to the user sequentially.

26.   (Original) The system as recited in claim 22, further comprising:

drawing program generating means for generating, with the drawing program, the
drawing of the desired system.

27.   (Original) The system as recited in claim 22, wherein the desired system is a
system to implement web hosting.

<center>Page 6 of 12
Longnecker et al. – 10/004,948</center>

28.   (Original) The system as recited in claim 22, wherein determining components and connections needed to implement the system that satisfies the user needs comprises referencing a set of policies that must be satisfied in order for the desired system to function properly.